

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	1	antistaling same protease	US-PGPUB; USPAT	OR	OFF	2010/11/05 12:02
S1	4	("3561975"   "5124261"   "5569599"   "5714373").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/15 08:14
S2	1	("1186658").PN.	EPO	OR	OFF	2007/11/21 10:42
S3	70	"bread staling"	US-PGPUB; USPAT	AND	ON	2007/11/21 11:04
S4	9	S3 and (proteolytic adj enzyme)	US-PGPUB; USPAT	AND	ON	2007/11/21 11:05
S5	1	("2615810").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/21 11:11
S6	26	S3 and protease	US-PGPUB; USPAT	AND	ON	2007/11/21 11:24
S7	5	S6 and @pd<"20010405"	US-PGPUB; USPAT	AND	ON	2007/11/21 11:25
S8	14056	"serine protease"	US-PGPUB; USPAT	AND	ON	2007/11/21 11:43
S9	1	S8 and (bread adj staling)	US-PGPUB; USPAT	AND	ON	2007/11/21 11:43
S10	2628	"alkaline protease"	US-PGPUB; USPAT	AND	ON	2007/11/21 11:44
S11	19	S10 and (bread adj staling)	US-PGPUB; USPAT	AND	ON	2007/11/21 11:44
S12	14	S11 and thermostable	US-PGPUB; USPAT	AND	ON	2007/11/21 11:45

S13	0	S12 and @pd<"20010405"	US-PGPUB; USPAT	AND	ON	2007/11/21 11:45
S14	0	S12 and @pd<"20020405"	US-PGPUB; USPAT	AND	ON	2007/11/21 11:46
S15	0	"anti bread staling agent"	US-PGPUB; USPAT	AND	ON	2007/11/21 11:47
S16	1	"bread anti-staling agent"	US-PGPUB; USPAT	AND	ON	2007/11/21 11:47
S17	8	"bread firming"	US-PGPUB; USPAT	AND	ON	2007/11/21 11:58
S18	1	S12 and S17	US-PGPUB; USPAT	AND	ON	2007/11/21 11:58
S19	2	"bread aging"	US-PGPUB; USPAT	AND	ON	2007/11/21 11:59
S20	1	("5569599").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/21 12:24
S21	1	("5124261").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/21 12:30
S22	14075	"serine protease"	US-PGPUB; USPAT	AND	ON	2007/11/26 10:41
S23	227	S22 and Baking	US-PGPUB; USPAT	AND	ON	2007/11/26 10:41
S24	29	S23 and staling	US-PGPUB; USPAT	AND	ON	2007/11/26 10:42
S25	1	S24 and @pd<"20010405"	US-PGPUB; USPAT	AND	ON	2007/11/26 10:43
S26	1	S22 and (antistaling adj agent)	US-PGPUB; USPAT	AND	ON	2007/11/26 10:46
S27	1	S23 and antifirming	US-PGPUB; USPAT	AND	ON	2007/11/26 10:48
S28	70	"bread staling"	US-PGPUB; USPAT	AND	ON	2007/11/26 10:51

S29	1	S22 and S28	US-PGPUB; USPAT	AND	ON	2007/11/26 10:52
S30	1905	protease and baking	US-PGPUB; USPAT	AND	ON	2007/11/26 10:52
S31	227	S30 and (serine adj protease)	US-PGPUB; USPAT	AND	ON	2007/11/26 10:53
S32	0	S31 and @pd<"2002"	US-PGPUB; USPAT	AND	ON	2007/11/26 10:54
S33	43	S31 and @py<"2002"	US-PGPUB; USPAT	AND	ON	2007/11/26 10:54
S34	2	S33 and (staling or firming)	US-PGPUB; USPAT	AND	ON	2007/11/26 10:55
S35	0	"prevention of staling"	US-PGPUB; USPAT	AND	ON	2007/11/26 11:04
S36	0	"retardation of staling"	US-PGPUB; USPAT	AND	ON	2007/11/26 11:05
S37	209	retard\$4 near3 staling	US-PGPUB; USPAT	AND	ON	2007/11/26 11:05
S38	103	S37 and protease	US-PGPUB; USPAT	AND	ON	2007/11/26 11:06
S39	15	S38 and @py<"2002"	US-PGPUB; USPAT	AND	ON	2007/11/26 11:06
S40	2	Keratinase and staling	US-PGPUB; USPAT	AND	ON	2007/11/26 11:16
S41	8	Thermitase and staling	US-PGPUB; USPAT	AND	ON	2007/11/26 11:17
S42	1	("4299848").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/26 13:10
S43	1	("5124261").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/27 06:44
S44	10	((FILIP) near2 (ARNAUT)).INV.	US-PGPUB; USPAT	OR	OFF	2008/09/07 12:11

S45	1	((FABIENNE near2 (VERTE)).INV.	US-PGPUB; USPAT	OR	OFF	2008/09/07 12:11
S46	4	((NICOLE near2 (VEKEMANS)).INV.	US-PGPUB; USPAT	OR	OFF	2008/09/07 12:11
S47	0	("DDA156714").PN.	EPO; JPO; DERWENT	OR	OFF	2008/09/07 12:13
S48	0	("DD-A-156714").PN.	EPO; JPO; DERWENT	OR	OFF	2008/09/07 12:14
S49	0	("DD-156714").PN.	EPO; JPO; DERWENT	OR	OFF	2008/09/07 12:14
S50	0	("0156714").PN.	EPO; JPO; DERWENT	OR	OFF	2008/09/07 12:14
S51	0	("bakingand"serineprotease"andstaling").PN.	US-PGPUB; USPAT	OR	OFF	2008/09/07 12:33
S52	204	baking and protease and staling	US-PGPUB; USPAT	OR	ON	2008/09/07 12:34
S53	38	S52 and "serine protease"	US-PGPUB; USPAT	OR	ON	2008/09/07 12:35
S54	1	bread with "serine protease"	US-PGPUB; USPAT	OR	ON	2008/09/07 12:37
S55	166	staling with (protease or amylase)	US-PGPUB; USPAT	OR	ON	2009/05/19 14:07
S56	130	S55 and (protease\$1 and amylase\$1)	US-PGPUB; USPAT	OR	ON	2009/05/19 14:08
S57	106	S56 and (staling near10 retard\$5)	US-PGPUB; USPAT	OR	ON	2009/05/19 14:08
S58	2	protease\$1 near10 amylase\$1 near10 stal\$3	US-PGPUB; USPAT	OR	ON	2009/05/19 14:35
S59	1	protease\$1 near10 amylase\$1 near10 stal\$3	EPO; JPO; DERWENT	OR	ON	2009/05/19 14:40
S60	80	stal\$3 with protease\$1	US-PGPUB; USPAT	OR	ON	2009/09/17 14:30

S61	26	S60 and ((stal\$3 near10 prevent\$3) or (stal\$3 near10 retard\$3))	US-PGPUB; USPAT	OR	ON	2009/09/17 14:32
S62	21	(stal\$3 near10 retard\$3) with protease\$1	US-PGPUB; USPAT	OR	ON	2009/09/17 14:39
S63	2	(stal\$3 near10 retard\$3) with protease\$1	FPRS; EPO; JPO	OR	ON	2009/09/17 15:03
S64	182	dough with protease\$1	US-PGPUB; USPAT	OR	ON	2009/09/17 16:28
S65	86	S64 and stal\$3	US-PGPUB; USPAT	OR	ON	2009/09/17 16:28
S66	1	"3934040".pn.	US-PGPUB; USPAT	OR	ON	2009/09/17 16:35
S67	259	"thermoactinomyces vulgaris"	US-PGPUB; USPAT	OR	ON	2010/06/09 11:58
S68	117	S67 and thermitase	US-PGPUB; USPAT	OR	ON	2010/06/09 11:58
S69	1	S68 and (baking or bread or bakery or baked)	US-PGPUB; USPAT	OR	ON	2010/06/09 11:59
S70	56	"thermoactinomyces vulgaris"	EPO; JPO; DERWENT	OR	ON	2010/06/09 12:00
S71	16	S70 and (thermitase or "serine protease")	EPO; JPO; DERWENT	OR	ON	2010/06/09 12:00
S72	2	"L15" and ((baking or bread or baked or bakery) or staling)	EPO; JPO; DERWENT	OR	ON	2010/06/09 12:01
S73	4263	"thermus aquaticus"	US-PGPUB; USPAT	OR	ON	2010/06/09 12:09
S74	27	S73 and "thermostable protease"	US-PGPUB; USPAT	OR	ON	2010/06/09 12:10
S75	2	S74 and (bread or bak\$3)	US-PGPUB; USPAT	OR	ON	2010/06/09 12:10
S76	1	"5714373".pn.	US-PGPUB; USPAT	OR	ON	2010/06/09 12:13

S77	1	antistaling same protease	US-PGPUB; USPAT	OR	OFF	2010/06/09 12:31
S78	1	"4299484".pn.	US-PGPUB; USPAT	OR	OFF	2010/06/09 12:35
S79	1	"4299848".pn.	US-PGPUB; USPAT	OR	OFF	2010/06/09 12:36
S80	1	protease near10 antistaling	US-PGPUB; USPAT	OR	OFF	2010/06/09 12:37
S81	87	protease and antistaling	US-PGPUB; USPAT	OR	OFF	2010/06/09 12:37
S82	0	S81 and "thermostable protease"	US-PGPUB; USPAT	OR	OFF	2010/06/09 12:38
S83	2433	"serine protease" and (bak\$3 or bread or dough)	US-PGPUB; USPAT	OR	OFF	2010/06/09 12:45
S84	315	S83 and "shelf life"	US-PGPUB; USPAT	OR	OFF	2010/06/09 12:46
S85	39	S84 and (crumb or texture)	US-PGPUB; USPAT	OR	OFF	2010/06/09 12:47
S86	2	("4654216"   "6197352").pn.	US-PGPUB; USPAT	OR	OFF	2010/06/10 12:02
S87	1	"6110508".pn.	USPAT	OR	OFF	2010/06/10 12:10
S88	76	"serine protease" same thermostable	US-PGPUB; USPAT	OR	ON	2010/11/04 10:43
S89	76	"serine protease" same thermostable	US-PGPUB; USPAT	OR	ON	2010/11/04 10:43
S90	16	S89 and (bak\$3 or bread or dough or confectionary)	US-PGPUB; USPAT	OR	ON	2010/11/04 10:44
S91	0	S89 and "bread baking"	US-PGPUB; USPAT	OR	ON	2010/11/04 10:49
S92	17	"serine protease" same thermostable	EPO; JPO; DERWENT	OR	ON	2010/11/04 10:50

S93	0	S92 and "bread baking"	EPO; JPO; DERWENT	OR	ON	2010/11/04 10:51
S94	0	S92 and "bread baking"	EPO; JPO; DERWENT	OR	ON	2010/11/04 10:51
S95	1	S92 and dough	EPO; JPO; DERWENT	OR	ON	2010/11/04 10:51
S96	2	S92 and (wafer\$1 or cake\$1 or cook\$3)	EPO; JPO; DERWENT	OR	ON	2010/11/04 10:52
S97	1	"serine protease" and (bak\$3 near10 bread)	EPO; JPO; DERWENT	OR	ON	2010/11/04 10:54
S98	90	protease\$1 and (bak\$3 near10 bread)	EPO; JPO; DERWENT	OR	ON	2010/11/04 10:55
S99	5	S98 and (staling near10 (retard\$3 or prevent\$3 or stop\$3))	EPO; JPO; DERWENT	OR	ON	2010/11/04 10:56
S100	0	"aqualysin II"	US-PGPUB; USPAT	OR	ON	2010/11/04 11:01
S101	0	aqualysin	US-PGPUB; USPAT	OR	ON	2010/11/04 11:01
S102	0	aqualysin	EPO; JPO; DERWENT	OR	ON	2010/11/04 11:02
S103	100	aqualysin	US-PGPUB; USPAT	OR	ON	2010/11/04 11:02
S104	1	S103 and "aqualysin II"	US-PGPUB; USPAT	OR	ON	2010/11/04 11:02
S105	1	"6114509".pn.	US-PGPUB; USPAT	OR	OFF	2010/11/04 12:09
S106	0	"10510401"	US-PGPUB; USPAT	OR	OFF	2010/11/04 12:16
S107	1	"10/510401"	US-PGPUB; USPAT	OR	OFF	2010/11/04 12:17
S108	124	staling near10 (retard\$3 or prevent\$3)	EPO; JPO; DERWENT	OR	OFF	2010/11/04 12:23

S109	1	S108 and thermitase	EPO; JPO; DERWENT	OR	OFF	2010/11/04 12:23
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EAST Search History (I nterference)

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C:\ Documents and Settings\ hbadr\ My Documents\ EAST\ Workspaces\ 10510401-Bread-Staling-Retardation.wsp